

09/913696

531 Rec'd PCT

16 AUG 2001

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: **Sascha Marcus SPANGENBERG ET AL.**

International Application No. PCT/GB00/00649

International Filing Date: 23/FEBRUARY/2000

U.S. Serial No.: NOT YET KNOWN

U.S. Filing Date: HERewith

For: **ADAPTIVE FILTER FOR A DIRECT SEQUENCE SPREAD
SPECTRUM RECEIVER**

375/147
2/25/99

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, DC 20231
ATTN: BOX PCT

Sir:

Please amend the above-identified patent application, as follows:

IN THE SUMMARY OF THE INVENTION:

On page 4, line 5, delete "a-posterior" and add the word --- a-posteriori ---

IN THE CLAIMS:

Amend claims 3 through 14 inclusive as follows:

3.(amended). A receiver according to claim 1, wherein the algorithm is
trained using a composite signal from more than one user.

09/913696

*Carayannis et al.
abstract pg 1394 col 2*

12.(amended). A receiver according to claim 1, wherein the algorithm comprises the fast a-posteriori or sequential technique algorithm.

*Carayannis et al.
pg 1394, col 2.*

13.(amended). A receiver according to claim 1, wherein the algorithm comprises the stabilised fast a-posteriori ~~error~~ sequential technique algorithm.

14.(amended). A receiver according to claim 12, wherein said algorithm is used in combination with the Fast Newton algorithm.

pg 1394 col 2

Add the following new claim:

— 15. A receiver according to claim 13, wherein said algorithm is used in combination with the Fast ~~Newton~~ algorithm. —

pg 1394 col 2

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REMARKS

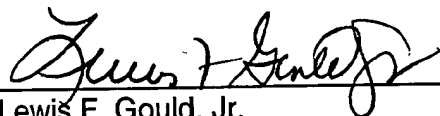
This Preliminary Amendment is made to place the subject application in better form for examination in the U.S. Patent and Trademark Office. Claims 3 through 14, inclusive, have been amended to eliminate the informalities. Claim 15 was added as a dependent claim. No new matter has been added.

The number of claims remains within that permitted under the filing fees. Please enter the Preliminary Amendment prior to examination and before calculating filing fees. A clean copy of the claims as amended is provided for the convenience of the examiner.

Respectfully submitted,

Date:

August 16, 2001


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